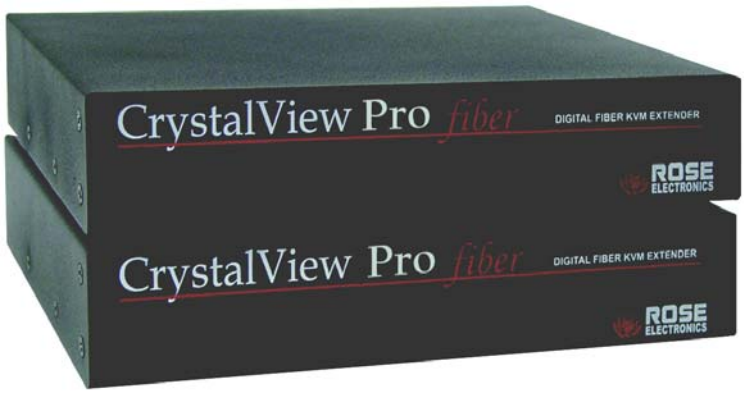
CrystalView Pro *fiber*



Digital fiber KVM extender (DVI/VGA)

Supports DVI and VGA video at resolutions up to 1600 x 1200

Extends keyboard, video, mouse, serial, and audio signals up to 33,000 feet away

Supports PC or USB (1.1 Compliant)

Single or Dual models

Easily adapted to your system

Features and Benefits

- Supports:
  - DVI and VGA video modes
  - PS/2 and USB keyboards and mice
  - Serial and Full stereo audio (optional)
- Extend a KVM station from a CPU using fiber cable:
  - (MultiMode) 62.5-micron cable up to 650 feet
  - (MultiMode) 50-micron cable up to 1,300 feet
  - (SingleMode) 9-micron cable up to 33,000 feet
- Video resolutions up to 1600 x 1200 @ 60Hz
- Flexible modular architecture
- Compatible with Rose Electronics KVM switches such as ServeView Pro, UltraView Pro, and UltraMatrix
- Compatible with Windows, Windows NT, OS/2, Unix, Linux, and other operating systems
- Uses a microprocessor to emulate the keyboard and mouse. The keyboard and mouse on the receiver unit do not have to be connected for the PC to boot; only the transmitter must be connected to the PC.
- Fully automatic KVM sharing (Dual access models)
- Only two fibers needed
- Digital OSD setup menu
- 1U rack mount kits – 19”, 23”, or 24”

The CrystalView Pro *fiber* ™Advantage.

The CrystalView Pro fiber is the KVM extender of choice for businesses that need to extend and operate a computer, server, or KVM switch from a great distance. The CrystalView Pro fiber makes this possible by the use of standard fiber optic cable. You can fully operate and control a computer or server from as far away as 33,000 feet using SingleMode (9-micron) fiber cable.

The CrystalView Pro fiber supports both DVI video as well as analog VGA video. All combinations of DVI and VGA video cards and monitors are supported. The OSD features make it easy to adjust all the necessary device parameters, color, brightness, contrast, and saturation. Using fiber cable, you can extend the distance between the transmitter and receiver further than with conventional CAT5 cable. In addition, fiber cable is unaffected by electromagnetic interference, keeping your data safe from interference from lightning and over voltage transients.

The modular architecture makes the CrystalView Pro fiber easily adapted to your system. PS/2 and USB peripherals are supported. CAT5, Multi-Mode and SingleMode fiber cabling, serial for Touchscreen and stereo audio, parallel for printers, and 10BaseT Ethernet are also supported as options.

On-screen display

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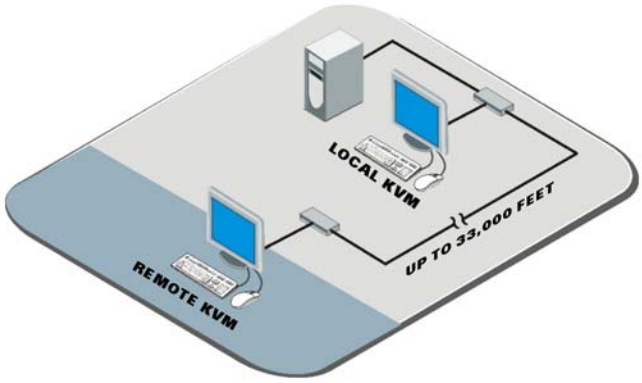
Typical Application



Accessing a computer from two locations,
one is local, the other is 33,000 feet away

CrystalView Pro fiber basics: The CrystalView Pro fiber consists of a transmitter that connects to a PC, server, or KVM switch and a receiver that connects to a keyboard, monitor, and mouse, or a KVM switch. The transmitter and receiver units are connected together with up to 33,000 feet of standard 9-micron optical fiber cable. (SingleMode)

The ideal way to apply the CrystalView Pro fiber is to connect the transmitter to a Rose Electronics KVM switch. Expanding the switch allows the receiver to access up to 1,000 computers or servers. The Rose KVM switch can be connected between the transmitter and computers, the KVM station and the receiver unit, or both.

Installation: Installing the CrystalView Pro fiber unit is as easy as connecting the KVM station to the receiver, connecting the CPU to the transmitter, and connecting the transmitter to the receiver with fiber cable.

Models: The CrystalView Pro fiber is available in different models with PC, SUN, and USB support. The PC model is available in a dual version allowing for a second KVM station next to the PC, providing operation from the transmitter or the receiver unit. A rack version, containing 10 transmitters or receivers is also available. The single fiber models are application specific models that supply unidirectional video and audio only (no keyboard/mouse)

Keyboard and mouse emulation The CrystalView Pro fiber uses a microprocessor to emulate the keyboard and mouse. This means that the keyboard and mouse on the receiver do not have to be connected for the PC to boot. Only the Transmitter must be connected to the PC.

Rack Assembly The CrystalView Pro fiber can be ordered in a 10-unit rack assembly. (PC model only)

Part Numbers

CRK-2DFMPDVI	PS/2 Dual Local KVM Multi Mode
CRK-2DFSPDVI	PS/2 Dual Local KVM Single Mode
CRK-1DFMUDVI	USB Multi Mode
CRK-1DFSUDVI	USB Single Mode
CRK-1DFMPDVI/SF	PS/2 Dual Local KVM Single Fiber Multi Mode
CRV-DLDFMPDVI	PS/2 Dual Local KVM Multi Mode
CRV-DLDFSPDVI	PS/2 Dual Local KVM Single Mode
CRV-SLDFMUDVI	USB Local KVM Multi Mode
CRV-SLDFSUDVI	USB Local KVM Single Mode
CRV-SRDFMPDVI	PS/2 Remote KVM Multi Mode
CRV-SRDFSPDVI	PS/2 Remote KVM Single Mode
CRV-SRDFMUDVI	USB Remote KVM Multi Mode
CRV-SRDFSUDVI	USB Remote KVM Single Mode
CRV-SRDFMPDVI/SF	PS/2 Remote KVM Single Fiber Multi Mode
CRV-DLDFMPDVI/SF	PS/2 Local KVM Single Fiber Multi Mode
CRV-SLDFMPDVI/SF	PS/2 Local KVM Single Fiber Multi Mode
CRV-DLDFMPDVI/SF-IRK	PS/2 Dual Local KVM Single Fiber Multi Mode
CRV-SLDFMPDVI/SF-IRK	PS/2 Local KVM Single Fiber Multi Mode
CRV-SRDFMPDVI/SF-IRK	PS/2 Remote KVM Single Fiber Multi Mode
/AU	Audio & Serial Option
-IRK	Plug-in card
ACC-DVIMVF	DVI to VGA adapter
RM-UMnn	Rack mount kit nn = 19", 23", or 24"
TFR-06D200FSU4A	6VDC 200 ma power adapter

Note: Single fiber models are application specific, unidirectional video and audio only models

Specifications

Dimensions	Width	Depth	Height	Weight
(in.)	8.8	6.3	1.75	3.3 lbs
(cm)	224	160	445	1.5 kg

Operating Temp	10˚C - 45˚C / 50˚F - 113˚F
Humidity	80% max, non-condensing
Resolution	Up to 1600 x 1200 @ 60Hz
Connectors	Video – DVI Fiber – Type SC PC -Keyboard/Mouse – MiniDin6 (2) USB – Keyboard/Mouse – Type A/B Power – 4-Pin square Program – RJ22 Serial – DB9F (TX), DB9M (RX) Audio – 3.5mm stereo jack (2)
Wavelength / Power	(MultiMode) – 850nm / 70--400µw (SingleMode) – 1300nm / 180-2000µw

DUAL PC MODEL WITH AUDIO / SERIAL

10 UNIT RACK

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